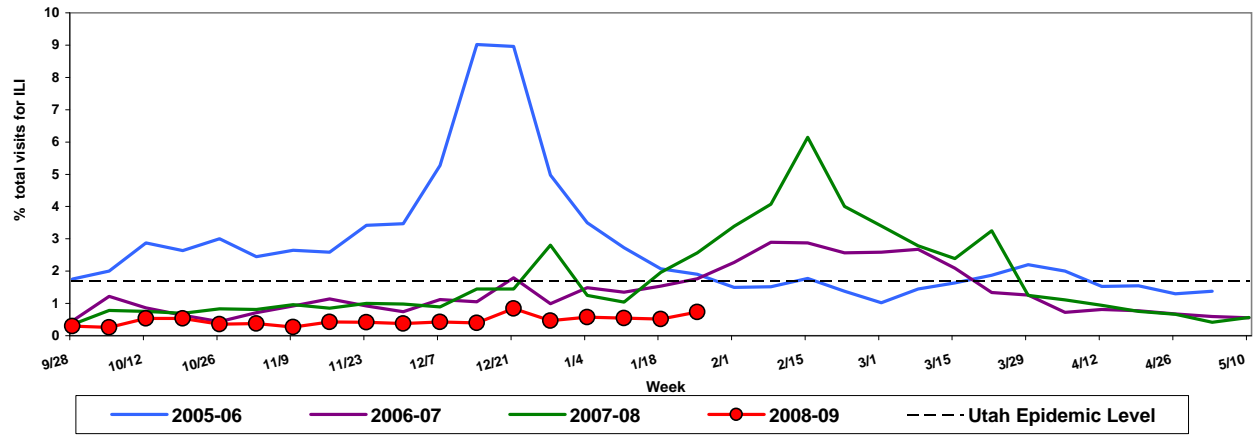


Influenza-Like Illness (ILI) Activity in Utah

Influenza-like illness (ILI) state rate in Utah is currently below the epidemic level in Utah.
Influenza-like illness (ILI) in Utah has been above the epidemic level for 0 weeks.

Influenza Activity for Current Season and Past Three Seasons

Percentage of visits for influenza-like illness (ILI) reported by sentinel providers- Utah, 2008-2009 and previous three influenza seasons



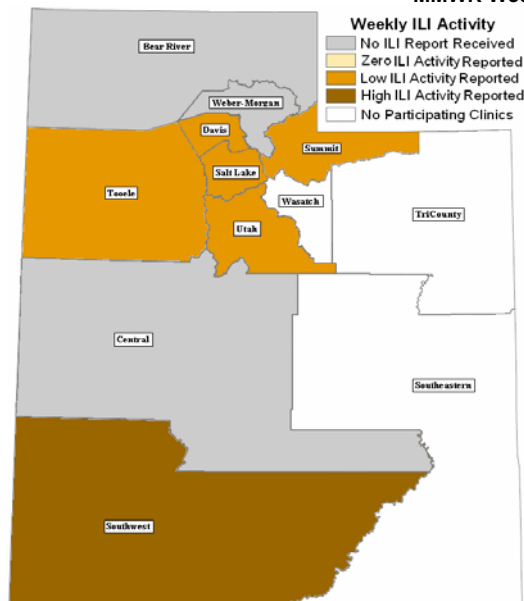
Weekly Percentage of Visits to Utah Sentinel Providers Due to Influenza-Like Illness (ILI) by Age Group, Health District, and County - Utah
MMWR Week 4: 1/25/2009 to 1/31/2009

Health District	County	Age-Specific ILI Percentages				All Ages ILI Percentage
		0 - 4 year olds	5 - 24 year olds	25 - 64 year olds	65 years and older	
Bear River	Cache	—	—	—	—	0.0
Central	Sanpete	—	—	—	—	0.0
Davis	Davis	0.0	0.0	3.7	0.0	1.1
Salt Lake	Salt Lake	3.3	2.1	0.4	0.1	0.8
Southwest	Washington	16.7	6.7	0.0	6.9	5.1
Summit	Summit	0.0	1.3	0.0	0.0	0.2
Tooele	Tooele	0.0	2.3	0.7	0.0	1.0
Utah	Utah	0.0	0.1	0.3	0.0	0.1
Weber-Morgan	Weber	—	—	—	—	0.0
State	All	3.0	1.1	0.5	0.3	0.7

Note: Only counties with enrolled clinical sites are listed. "—" = county does not report age groups.

Geographical Distribution

**Weekly ILI activity by local health district
MMWR Week 4: 1/25/2009 to 1/31/2009**



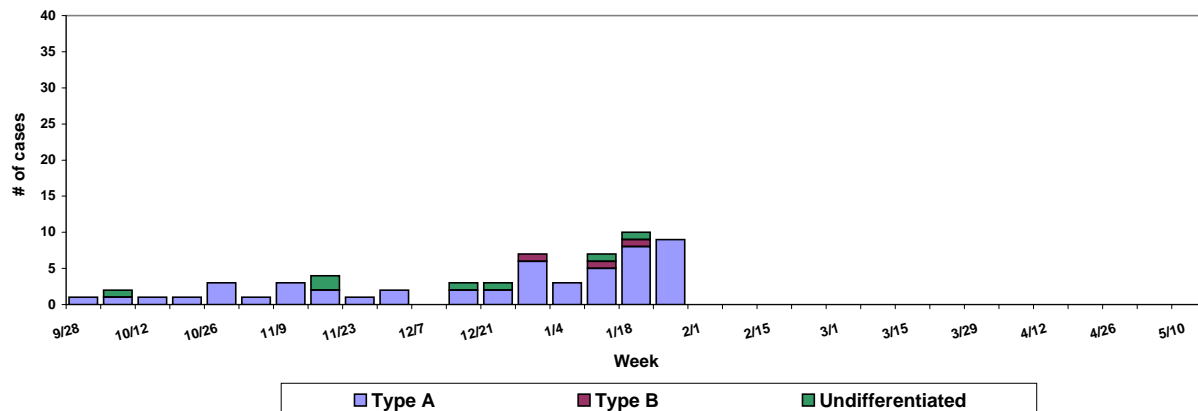
High (Elevated) = ILI rate is above the state epidemic level.
Low (Normal) = ILI rate is the same or below the state epidemic level.
No Clinic = No clinics enrolled in local health district.
No Report = No report was received this week.

Influenza-Associated Hospitalizations

So far this influenza season, there have been 61 influenza-associated hospitalizations reported to the Utah Department of Health. At this time last year, there had been 64 influenza-associated hospitalizations reported to the Utah Department of Health. The majority of individuals hospitalized with influenza have risk factors for severe illness, which is expected. 84% of influenza-associated hospitalizations have been identified as Type A, 5% Type B, and 11% unknown.

Influenza-Associated Hospitalizations by Virus Type and Week

Number of laboratory-confirmed, influenza-associated hospitalizations, by influenza virus type and week of event - Utah, 2008-2009 influenza season



Cumulative Influenza-Associated Hospitalizations by Age Group, 2008-2009

Age Group	Number of Hospitalizations	Percentage of Hospitalizations	Rate Per 100,000 Persons per Year
< 1 year	12	19.0	22.13
1-4 years	12	19.0	5.58
5-14 years	6	9.5	1.29
15-24 years	4	6.3	0.80
25-34 years	4	6.3	0.93
35-44 years	1	1.6	0.29
45-54 years	5	7.9	1.60
55-64 years	5	7.9	2.23
65-74 years	6	9.5	4.68
75-84 years	7	11.1	8.73
85+ years	1	1.6	3.44

Viral Typing and Antiviral Susceptibility

Influenza Viruses Typed (Utah):	
Influenza A (H1)	21
Influenza A (H3)	0
Influenza B	0

Antiviral Susceptibility Data (National):

	Isolates tested (n)	Resistant Viruses, Number (%)		
		Oseltamivir	Zanamivir	Adamantanes
Influenza A (H1N1)	103	101 (98%)	0 (0)	1 (1%)
Influenza A (H3N2)	23	0 (0)	0 (0)	23 (100%)
Influenza B	61	0 (0)	0 (0)	N/A*

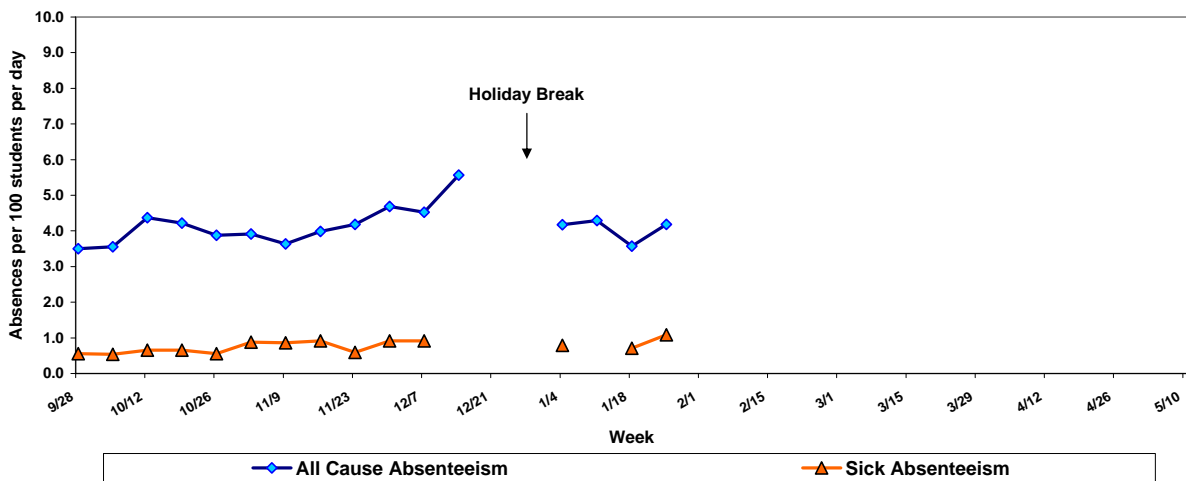
*The adamantanes (amantadine and rimantadine) are not effective against influenza B viruses.

CDC's Interim Antiviral Guidelines for use During the 2008-2009 Influenza Season: <http://www.cdc.gov/flu/professionals/antivirals/index.htm>

Student Absenteeism

Student Absenteeism by Week

Rates for absences due to all causes and sickness - Utah, 2008-2009 influenza season



Weekly Student Absenteeism - Utah

MMWR Week 4: 1/25/2009 to 1/31/2009

Health District	County	All absences per 100 students/day	Sick absences per 100 students/day
Bear River	Box Elder	0.0	—
	Cache	0.0	—
	Rich	0.0	—
Central	Sanpete	0.0	0.0
	Wayne	0.0	—
Davis	Davis	4.0	1.1
Salt Lake	Salt Lake	5.0	—
Southeast	Carbon	0.0	—
	Emery	0.0	—
	Grand	0.0	—
Southwest	Washington	0.0	—
Tooele	Tooele	0.0	—
Utah	Utah	0.0	—
Wasatch	Wasatch	0.0	—
Weber-Morgan	Weber	0.0	—
State	All	4.2	1.1